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STATEMENT UNDER 37 CFR 3.73(b)

GENBAND US LLC, a limited liability company, states that it is the assignee of the entire right, title, and interest in the patent and patent applications identified below by virtue of a chain of title from the inventor(s) of the patents and patent applications, to the current assignee as indicated in the list as follows:

Re: U.S. Patent No.: 6,754,180; Issued: June 22, 2004

Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR
SUPPORT OF BEARER PATH SERVICES IN A DISTRIBUTED
CONTROL NETWORK

1. **From:** Samuel H. Christie, IV
To: Nortel Networks Corporation
Reel 010468, Frame 0635
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,683,877; Issued: January 27, 2004

Title: CARRYING VOICE TRAFFIC OVER BROAD BAND NETWORKS

1. **From:** Graeme Gibbs, Rade Gvozdanovic
To: Nortel Networks Corporation
Reel 010482, Frame 0941
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 014635, Frame 0873
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,791,971; Issued: September 14, 2004

Title: METHOD AND APPARATUS FOR PROVIDING A COMMUNICATIONS SERVICE, FOR COMMUNICATION AND FOR EXTENDING PACKET NETWORK FUNCTIONALITY

1. **From:** Marwan Osman, Antoine Zoghbi
To: Nortel Networks Corporation
Reel 010432, Frame 0585
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,687,251; Issued: February 3, 2004

Title: METHOD AND APPARATUS FOR DISTRIBUTED MTP LEVEL 2 ARCHITECTURE

1. **From:** Guy G. Mousseau, John H. Yoakum
To: Nortel Networks Corporation
Reel 010450, Frame 0591
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,614,896; Issued: September 2, 2003

Title: ADVERTISING SYSTEM FOR CALLERS TO BUSY NUMBERS

1. **From:** Sanjay H. Rao
To: Nortel Networks Corporation World Trade Center of Montreal
Reel 010297, Frame 0587
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706

3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,678,264; Issued: January 13, 2004

Title: ESTABLISHING CONNECTIONS WITH A PRE-SPECIFIED QUALITY OF SERVICE ACROSS A COMMUNICATION NETWORK

1. **From:** Mark Robert Gibson
To: Nortel Networks Corporation
Reel 010090, Frame 0911
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 014643, Frame 0217
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,885,658; Issued: April 26, 2005

Title: METHOD AND APPARATUS FOR INTERWORKING BETWEEN INTERNET PROTOCOL (IP) TELEPHONY PROTOCOLS

1. **From:** David P. Ress, Xuewen Li, Denise J. Ingram
To: Nortel Networks Corporation
Reel 010578, Frame 0564
2. **From:** David P. Ress, Xuewen Li, Denise J. Ingram, Gregory Robert Utas
To: Nortel Networks Corporation
Reel 010839, Frame 0783
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,254,832; Issued: August 7, 2007

Title: FIREWALL CONTROL FOR SECURE PRIVATE NETWORKS WITH PUBLIC VOIP ACCESS

1. **From:** Samuel H. Christie, IV
To: Nortel Networks Limited
Reel 011136, Frame 0736
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,233,223; Issued: May 15, 2001

Title: CONTROL OF DISTRIBUTED ALLOCATION OF CHANNELS

1. **From:** Martin Sabry, Graeme A. Gibbs, Rade Gvozdanovic, Cho Y. Tang
To: Nortel Networks Corporation
Reel 010224, Frame 0403
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011462, Frame 0944
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,785,840; Issued: August 31, 2004

Title: CALL PROCESSOR SYSTEM AND METHODS

1. **From:** Leslie Smith, Ken Q. Guo, Jimmy Jin, Robert Lariviere, D. Ian Hopper
To: Nortel Networks Limited
Reel 011387, Frame 0689
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,832,254; Issued: December 14, 2004

Title: METHOD AND APPARATUS FOR ASSOCIATING AN END-TO-END CALL IDENTIFIER WITH A CONNECTION IN A MULTIMEDIA PACKET NETWORK

1. **From:** Shwu-Yan Chang Scoggins, Charles Michael Brown, David John Jarzemsky, Stanley Wayne Joyner, Kathleen Kelley Schellenberger
To: Nortel Networks Limited
Reel 010951, Frame 0947
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,266,395; Issued: July 24, 2001

Title: SINGLE-ENDED SUBSCRIBER LOOP QUALIFICATION FOR XDSL SERVICE

1. **From:** Gin Liu, Michael A. Campbell
To: Nortel Networks Corporation
Reel 010233, Frame 0747
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,611,585; Issued: August 26, 2003

Title: METHOD AND APPARATUS FOR INTELLIGENT RELEASE LINK TRUNK

1. **From:** Carlos Carrion, Steven W. Craycraft
To: Nortel Networks Corporation
Reel 010569, Frame 0651
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,233,980; Issued: June 19, 2007

Title: SYSTEM AND METHOD FOR DYNAMIC QUEUING IN AN AUTOMATIC CALL DISTRIBUTOR

1. **From:** Mark J. Holden, Scott L. Orton
To: Nortel Networks Limited
Reel 011366, Frame 0782
2. **From:** Mark J. Holden, Scott L. Orton
To: Nortel Networks Limited
Reel 011752, Frame 0863
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,757,732; Issued: June 29, 2004

Title: TEXT-BASED COMMUNICATIONS OVER A DATA NETWORK

1. **From:** Patrick N. Sollee, Christopher Haun
To: Nortel Networks Corporation
Reel 010697, Frame 0956
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,694,153; Issued: February 17, 2004

Title: SERVICE CONTROL POINT LOCATION REGISTER FUNCTION

1. **From:** Michael A. Campbell, Susan Iskra, Probal Mukherjee, Conrad E. Labonte
To: Nortel Networks Corporation
Reel 010967, Frame 0879
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,742,042; Issued: May 25, 2004

Title: METHOD AND APPARATUS OF PRESENTING TICKER INFORMATION

1. **From:** Mark J. Holden, Scott L. Orton, Julie R. Simons
To: Nortel Networks Limited
Reel 010933, Frame 0823
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,047,561; Issued: May 16, 2006

Title: FIREWALL FOR REAL-TIME INTERNET APPLICATIONS

1. **From:** Michael C. G. Lee
To: Nortel Networks Limited
Reel 011147, Frame 0144
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,772,210; Issued: August 3, 2004

Title: METHOD AND APPARATUS FOR EXCHANGING COMMUNICATIONS BETWEEN TELEPHONE NUMBER BASED DEVICES IN AN INTERNET PROTOCOL ENVIRONMENT

1. **From:** Philip K. Edholm
To: Nortel Networks Limited
Reel 011090, Frame 0488
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,934,279; Issued: August 23, 2005

Title: CONTROLLING VOICE COMMUNICATIONS OVER A DATA NETWORK

1. **From:** Patrick N. Sollee, David R. Creech, Gregory T. Osterhout, Christopher L. Jessen
To: Nortel Networks Corporation
Reel 010667, Frame 0137

2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

Serial No.: 11/210,084; Filed: August 23, 2005

Title: CONTROLLING VOICE COMMUNICATIONS OVER A DATA NETWORK

1. **From:** Patrick N. Sollee, David R. Creech, Gregory T. Osterhout, Christopher L. Jessen
To: Nortel Networks Corporation
Reel 010667, Frame 0137
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,023,860; Issued: April 4, 2006

Title: COMMUNICATIONS NETWORK

1. **From:** Roy Harold Mauger
To: Nortel Networks Limited
Reel 010960, Frame 0951
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,058,068; Issued: June 6, 2006

Title: SESSION INITIATION PROTOCOL BASED ADVANCED INTELLIGENT NETWORK/INTELLIGENT NETWORK MESSAGING

1. **From:** Michael M. Gawargy, Johanna Pearl Ruth Nicoletta
To: Nortel Networks Limited
Reel 011313, Frame 0268
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,882,721; Issued: April 19, 2005

Title: METHOD AND APPARATUS ENABLING LOCAL NUMBER
PORTABILITY IN TELEPHONE NETWORKS

1. **From:** Michael M. Gawargy
To: Nortel Networks Limited
Reel 011606, Frame 0070
2. **From:** Vladimir V. Mikhailov, Christian C. Constantinof
To: Nortel Networks Limited
Reel 011606, Frame 0089
3. **From:** Vladimir V. Mikhailov, Cristian C. Constantinof
To: Nortel Networks Limited
Reel 013249, Frame 0460
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,421,674; Issued: July 16, 2002

Title: METHODS AND SYSTEMS FOR IMPLEMENTING A REAL-TIME,
DISTRIBUTED, HIERARCHICAL DATABASE USING A PROXIABLE
PROTOCOL

1. **From:** John H. Yoakum, James E. Reaves, Paul D. Alluisi
To: Nortel Networks Corporation
Reel 010569, Frame 0428
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,274,783; Issued: September 25, 2007

Title: METHODS AND SYSTEMS FOR IMPLEMENTING A REAL-TIME, DISTRIBUTED, HIERARCHICAL DATABASE USING A PROXIABLE PROTOCOL

1. **From:** John H. Yoakum, James E. Reaves, Paul D. Alluisi
To: Nortel Networks Corporation
Reel 010569, Frame 0428
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,146,410; Issued: December 5, 2006

Title: SYSTEM AND METHOD FOR EXECUTING CONTROL PROTOCOLS AMONG NODES IN SEPARATE IP NETWORKS

1. **From:** Arda Akman
To: Nortel Networks Limited
Reel 011183, Frame 0721
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,888,839; Issued: May 3, 2005

Title: METHOD AND APPARATUS FOR TUNNELING OPERATING CODES TO AND FROM A CALL SERVER IN A PACKET NETWORK

1. **From:** Shwu-Yan Chang Scoggins, Janelle T. Tucker, John Schroder
To: Nortel Networks Limited
Reel 011454, Frame 0751
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,046,669; Issued: May 16, 2006

Title: COMMUNICATIONS NETWORK

1. **From:** Roy Mauger, Dave Stacey, Mark Gibson
To: Nortel Networks Limited
Reel 011189, Frame 0788
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,886,043; Issued: April 26, 2005

Title: COMMUNICATIONS NETWORK

1. **From:** Roy Mauger, David Stacey, Mark Gibson
To: Nortel Networks Limited
Reel 011098, Frame 0545
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,876,646; Issued: April 5, 2005

Title: COLLECTING INFORMATION BEFORE A CALL

1. **From:** Tammy S. Dore, Steven W. Craycraft, Pratima Sharma, Joseph J. Deutsch
To: Nortel Networks Limited
Reel 011310, Frame 0177
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,272,136; Issued: September 18, 2007

Title: DUAL TONE MULTI FREQUENCY SIGNAL DETECTION

1. **From:** Masoud Abmadi, Joachim Fouret
To: Nortel Networks Limited
Reel 010667, Frame 0137
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,068,655; Issued: June 27, 2006

Title: NETWORK ADDRESS AND/OR PORT TRANSLATION

1. **From:** Sean W. March, Patrick N. Sollee, David W. McKnight
To: Nortel Networks Limited
Reel 011917, Frame 0260
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,987,765; Issued: January 17, 2006

Title: CHANGING MEDIA SESSIONS

1. **From:** Sean W. March, Patrick N. Sollee, David W. McKnight
To: Nortel Networks Corporation
Reel 011920, Frame 0030
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,684,317; Issued: March 23, 2010

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

1. **From:** Sean W. March, Patrick N. Sollee, David W. McKnight
To: Nortel Network Limited
Reel 011919, Frame 0690
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/592,775; Filed: November 3, 2006

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

1. **From:** Sean W. March, Patrick N. Sollee, David W. McKnight
To: Nortel Network Limited
Reel 011919, Frame 0690

2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: **12/729,567**; Filed: March 23, 2010

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

1. **From:** Sean W. March, Patrick N. Sollee, David W. McKnight
To: Nortel Network Limited
Reel 011919, Frame 0690
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: **7,535,823**; Issued: May 19, 2009

Title: METHOD AND SYSTEM FOR PROVIDING A SPARING MECHANISM IN A CIRCUIT-SWITCHED-TO-PACKET-SWITCHED INTERWORKING PERIPHERAL

1. **From:** Neeraj Malhotra, Tuan Liao
To: Nortel Networks Limited
Reel 013063, Frame 0758
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: **7,408,928**; Issued: August 5, 2008

Title: METHODS AND APPARATUS FOR SETTING UP TELEPHONY CONNECTIONS BETWEEN TWO ADDRESS DOMAINS HAVING OVERLAPPING ADDRESS RANGES

1. **From:** Patrick Bradd, Kevin J. Baughan, Cedric Aoun
To: Nortel Networks Limited
Reel 012771, Frame 0238
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,349,533; Issued: March 25, 2008

Title: TELEPHONY TRANSITIONING SYSTEM

1. **From:** Naile S. Daoud, Calvin E. Drover, James E. Reaves, Alvin P. Enns
To: Nortel Networks Limited
Reel 013356, Frame 0968
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,993,595; Issued: January 31, 2006

Title: ADDRESS TRANSLATION CHANGE IDENTIFICATION

1. **From:** Gregory Luptowski, Patrick Sollee, Anita Wadhwani, Christopher Haun, Deepashree Rugi
To: Nortel Networks Limited
Reel 012427, Frame 0268
2. **From:** Gregory Luptowski, Patrick Sollee, Anita Wadhwani, Christopher Haun, Deepashree Rugi
To: Nortel Networks Limited
Reel 013013, Frame 0772
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,257,109; Issued: August 14, 2007

Title: DYNAMIC CALL CONTROL

1. **From:** Dany D. Sylvain
To: Nortel Networks Limited
Reel 012889, Frame 0502
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 10/164,524; Filed: June 6, 2002

Title: VOICE AND FAX OVER IP CALL ESTABLISHMENT IN A COMMUNICATIONS NETWORK

1. **From:** Dominic Walker, Graeme Gibbs
To: Nortel Networks Limited
Reel 012985, Frame 0731
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,480,283; Issued: January 20, 2009

Title: VIRTUAL TRUNKING OVER PACKET NETWORKS

1. **From:** Dany D. Sylvain
To: Nortel Networks Limited
Reel 013023, Frame 0409
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,224,696; Issued: May 29, 2007

Title: ACCESS NODES IN PACKET-BASED COMMUNICATIONS NETWORKS

1. **From:** George Bouleros
To: Nortel Networks Limited
Reel 013261, Frame 0762
2. **From:** Julian Mitchell
To: Nortel Networks Limited
Reel 012999, Frame 0274
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024555, Frame 0809

U.S. Patent No.: 7,391,780; Issued: June 24, 2008

Title: METHOD AND APPARATUS FOR STATISTICAL PREDICTION OF ACCESS BANDWIDTH ON AN XDSL NETWORK

1. **From:** Gary T. Stone, Kim B. Crawford, Nelson M. Lee, Gin Liu, Johnny Fung, Michael A. Campbell
To: Nortel Networks Limited
Reel 013981, Frame 0798
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,301,905; Issued: November 27, 2007

Title: OVERLOAD CONTROL SYSTEM AND METHOD FOR A TELECOMMUNICATIONS SYSTEM

1. **From:** Channarong Tontiruttananon, Carlos Molina, Carlos Motta, Anabella Arosemena, Kuntaporn Saiyos
To: Nortel Networks Limited
Reel 013062, Frame 0973
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,107,061; Issued: September 12, 2006

Title: ADAPTIVE CALL GAPPING OVERLOAD CONTROL SYSTEM AND METHOD FOR A TELECOMMUNICATIONS SYSTEM

1. **From:** Channarong Tontiruttananon, Carlos Molina, Carlos Motta, Anabella Arosemena
To: Nortel Networks Limited
Reel 013227, Frame 0692
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,447,150; Issued: November 4, 2008

Title: AUTOMATED PATH RESTORATION FOR PACKET TELEPHONY

1. **From:** Dany Sylvain
To: Nortel Networks Limited
Reel 014095, Frame 0014
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,283,542; Issued: October 16, 2007

Title: NETWORK ADDRESS TRANSLATOR AND SECURE TRANSFER
DEVICE FOR INTERFACING NETWORKS

1. **From:** Julian Mitchell
To: Nortel Networks Limited
Reel 013652, Frame 0687
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,213,143; Issued: May 1, 2007

Title: SECURITY OVER A NETWORK

1. **From:** Mark Watson, Iain Sharp
To: Nortel Networks Limited
Reel 014053, Frame 0792
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,313,131; Issued: December 25, 2007

Title: PROCESSING OF COMMUNICATION SESSION REQUEST
MESSAGES

1. **From:** Neil O'Connor, Tony McCormack
To: Nortel Networks Limited
Reel 013994, Frame 0694
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,978,003; Issued: December 20, 2005

Title: ADAPTIVE CALL ROUTING FOR MULTIPLE TELEPHONY TERMINALS

1. **From:** Dany Sylvain
To: Nortel Networks Limited
Reel 014107, Frame 0544
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,386,604; Issued: June 10, 2008

Title: SIGNALING METHOD FOR COMMUNICATION NETWORKS

1. **From:** Cedric Aoun, Chris Simcoe, Julian Mitchell
To: Nortel Networks Limited
Reel 013952, Frame 0130
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

Serial No.: 10/782,754; Filed: February 23, 2004

Title: DATA COMMUNICATION APPARATUS AND METHOD

1. **From:** Rafi Rabipour, Chung Cheung Chu
To: Nortel Networks Limited
Reel 015574, Frame 0669
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,640,319; Issued: December 29, 2009

Title: GATEWAY SHARED BY MULTIPLE VIRTUAL PRIVATE NETWORKS

1. **From:** Dany Sylvain, Scott Larrigan
To: Nortel Networks Limited
Reel 020902, Frame 0852

2. **From:** Dany Sylvain, Scott Larrigan
To: Nortel Networks Limited
Reel 020906, Frame 0639
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,313,145; Issued: December 25, 2007

Title: METHOD AND SYSTEM FOR ESTABLISHING PATHS BETWEEN END POINTS IN PACKET DATA NETWORKS

1. **From:** Patrick Bradd, Robert Turner, Paul N. Kettlewell, Leilani Aramepola
To: Nortel Networks Limited
Reel 014528, Frame 0158
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

Serial No.: 10/675,645; Filed: September 30, 2003

Title: MEDIA PROXY HAVING INTERFACE TO MULTIPLE VIRTUAL PRIVATE NETWORKS

1. **From:** Julian Mitchell
To: Nortel Networks Limited
Reel 022963, Frame 0716
2. **From:** Dany Sylvain
To: Nortel Networks Limited
Reel 022963, Frame 0765
3. **From:** Scott Larrigan
To: Nortel Networks Limited
Reel 022963, Frame 0798
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

Serial No.: 10/674,141; Filed: September 29, 2003

Title: INTERNET TRUNKING PROTOCOL

1. **From:** Wesley Erhart
To: Nortel Networks Limited
Reel 014573, Frame 0354

2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,715,537; Issued: May 11, 2010

Title: METERING IN PACKET-BASED TELEPHONY NETWORKS

1. **From:** David P. Ress, Kevin Boyle II, William Bishop, Costin Strugaru
To: Nortel Networks Limited
Reel 014838, Frame 0478
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/772,702; Filed: May 3, 2010

Title: METERING IN PACKET-BASED TELEPHONY NETWORKS

1. **From:** David P. Ress, Kevin Boyle II, William Bishop, Costin Strugaru
To: Nortel Networks Limited
Reel 014838, Frame 0478
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 10/723,835; Filed: November 26, 2003

Title: MESSAGING SERVICE INTERWORKING

1. **From:** Dany Sylvain, Michael Gawargy
To: Nortel Networks Limited
Reel 014753, Frame 0903
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,580,994; Issued: August 25, 2009

Title: METHOD AND APPARATUS FOR ENABLING DYNAMIC SELF-HEALING OF MULTI-MEDIA SERVICES

1. **From:** Serzio Fiszman, Chris Ryerson, David Price, Elizabeth Goldrich, Kevin Howe-Patterson, Laurence Beaulieu, Michael Leeder, Paul Ensing, Pierre Fournier, Richard Taylor
To: Nortel Networks Limited
Reel 015833, Frame 0889
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 10/599,088; Filed: September 19, 2006

Title: COMMUNICATING PROCESSING CAPABILITIES ALONG A COMMUNICATIONS PATH

1. **From:** Chung-Cheung Chu, Rafi Rabipour, Peter Yue
To: Nortel Networks Limited
Reel 018273, Frame 0427
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/452,743; Filed: June 14, 2006

Title: SELECTIVE CALL ANCHORING IN A MULTIMEDIA SUBSYSTEM

1. **From:** Dany Sylvain
To: Nortel Networks Limited
Reel 017997, Frame 0589
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/911,631; Filed: October 15, 2007

Title: MULTIPLE ACCESS SERVICE CONVERGENCE

1. **From:** Dany Sylvain, Samuel H. Christie, IV
To: Nortel Networks Limited
Reel 019963, Frame 0695
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,512,118; Issued: March 31, 2009

Title: CODEC NEGOTIATION CONSIDERING QUALITY AND COSTS

1. **From:** Gary Stephens
To: Nortel Networks Limited
Reel 016757, Frame 0919
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

Serial No.: 11/466,115; Filed: August 22, 2006

Title: MULTIMEDIA SUBSYSTEM SERVICE CONTROL FOR CIRCUIT-SWITCHED SUBSYSTEM CALLS

1. **From:** Kaniz Mahdi, Dany Sylvain
To: Nortel Networks Limited
Reel 018152, Frame 0283
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/522,732; Filed: September 18, 2006

Title: ENHANCED SECURITY FOR MULTIMEDIA DOMAIN (MMD) NETWORK WITH HOME AND VISITED NETWORK SERVICE CONTROL

1. **From:** Michael F. Thomas, Robert E. Denman
To: Nortel Networks Limited
Reel 018683, Frame 0204
2. **From:** Sriram Parameswar
To: Nortel Networks Limited
Reel 019021, Frame 0781
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/482,236; Filed: June 30, 2006

Title: SMS DELIVERY OVER A MULTIMEDIA SUBSYSTEM

1. **From:** Dany Sylvain
To: Nortel Networks Limited
Reel 018089, Frame 0844
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/462,182; Filed: August 3, 2006

Title: LOCATION CHANGE DETECTION FOR EMERGENCY SERVICES

1. **From:** Brian Stucker, Roy Shepard
To: Nortel Networks Limited
Reel 018049, Frame 0178
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/589,435; Filed: October 30, 2006

Title: PROVIDING A CAPABILITY LIST OF A PREDEFINED FORMAT IN A COMMUNICATIONS NETWORK

1. **From:** Chung Cheung Chu, Rafi Rabipour
To: Nortel Networks Limited
Reel 018830, Frame 0498
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/360,432; Filed: February 24, 2006

Title: METHOD AND COMMUNICATION NETWORK COMPONENTS FOR MANAGING MEDIA SIGNAL QUALITY

1. **From:** Rafi Rabipour
To: Nortel Networks Limited
Reel 017614, Frame 0961
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/554,930; Filed: October 31, 2006

Title: NETWORK DOMAIN SELECTION IN THE HSS

1. **From:** Kaniz Mahdi, Michael Leeder, Joan Smith
To: Nortel Networks Limited
Reel 018460, Frame 0788
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/651,427; Filed: January 9, 2007

Title: DYNAMIC EVENTS SCHEDULING IN A RESOURCE LIMITED ENVIRONMENT

1. **From:** Chung Cheung Chu, Djordje Konforti, Rafi Rabipour, Christy Yep
To: Nortel Networks Limited
Reel 018985, Frame 0913
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/563,306; Filed: November 27, 2006

Title: MULTIMEDIA SUBSYSTEM CONTROL FOR INTERNET PROTOCOL BASED TELEVISION SERVICES

1. **From:** David P. Ress, Dominic Goodwill, Anthony Jones, Steve J. McKinnon
To: Nortel Networks Limited
Reel 018553, Frame 0102
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/425,436; Filed: June 21, 2006

Title: METHOD AND APPARATUS FOR IDENTIFYING AND MONITORING VOIP MEDIA PLANE SECURITY KEYS FOR SERVICE PROVIDER LAWFUL INTERCEPT USE

1. **From:** Michael Lee
To: Nortel Networks Limited
Reel 017821, Frame 0650
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/536,921; Filed: September 29, 2006

Title: ENTERPRISE MOBILITY

1. **From:** Dany Sylvain, Cristian Constantinof
To: Nortel Networks Limited
Reel 018326, Frame 0767
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/616,679; Filed: December 27, 2006

Title: VOICE CONTINUITY AMONG USER TERMINALS

1. **From:** Cristian Constantinof, Dany Sylvain
To: Nortel Networks Limited
Reel 018683, Frame 0334
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,649,881; Issued: January 19, 2010

Title: PINNING THE ROUTE OF IP BEARER FLOWS IN A NEXT GENERATION NETWORK

1. **From:** Liam Casey
To: Nortel Networks Limited
Reel 018638, Frame 0493
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/839,861; Filed: August 16, 2007

Title: METHOD AND APPARATUS FOR TIME ALIGNMENT ALONG A MULTI-NODE COMMUNICATION LINK

1. **From:** Chung Cheung Chu, Rafi Rabipour
To: Nortel Networks Limited
Reel 019705, Frame 0818
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/151,683; Filed: May 8, 2008

Title: ENHANCED MEDIA GATEWAY

1. **From:** Kevin Smith, Gregory Waines
To: Nortel Networks Limited
Reel 023288, Frame 0647
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/172,562; Filed: July 14, 2008

Title: METHOD FOR IMPROVING SUBSCRIBER DATA INTEGRITY IN AN
IMS NETWORK

1. **From:** Ricky Kaura, Sourabh Anpat
To: Nortel Networks Limited
Reel 021233, Frame 0849
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 11/961,933; Filed: December 20, 2007

Title: CONTROLLING SERVICES IN A CIRCUIT-SWITCHED NETWORK
FROM A PACKET NETWORK

1. **From:** Dany Sylvain, Cristian Constantinof
To: Nortel Networks Limited
Reel 020280, Frame 0670
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/157,677; Filed: June 12, 2008

Title: SYSTEM AND METHOD FOR CORRECT ROUTING AND
ENFORCEMENT POLICY IN A NETWORK HAVING ADDRESS OR
PORT TRANSLATION

1. **From:** Anthony MacDonald
To: Nortel Networks Limited
Reel 021129, Frame 0709
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/343,328; Filed: December 23, 2008

Title: MEDIA SHARING

1. **From:** Dany Sylvain, Danny Lingman
To: Nortel Networks Limited
Reel 022023, Frame 0980
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/209,829; Filed: September 12, 2008

Title: ADDING A SERVICE CONTROL CHANNEL AFTER SESSION ESTABLISHMENT

1. **From:** Kaniz Mahdi
To: Nortel Networks Limited
Reel 021525, Frame 0087
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/316,550; Filed: December 12, 2008

Title: DYNAMICALLY BINDING A LOGIC COMPONENT TO A PROCESSING POINT IN A SOFTWARE EXECUTION FLOW

1. **From:** Lejla Eminovic, Bryn Rahm, Elaine EE Lay Quah, Anthony Robert Jones
To: Nortel Networks Limited
Reel 022028, Frame 0572
2. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

Serial No.: 12/333,678; Filed: December 12, 2008

Title: CONTENT OVERLAYS IN ON-DEMAND STREAMING APPLICATIONS

1. **From:** David P. Ress, Dominic Goodwill
To: Nortel Networks Limited
Reel 021971, Frame 0873
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,643,297; Issued: November 4, 2003

Title: NETWORK SERVICE PROVIDER ARCHITECTURE IN
COMMUNICATIONS NETWORK

1. **From:** Martin Sproat, Bruce Leigh Townsend, Julian Frank Barry Cable,
Simon Daniel Breuckheimer, Stephen Rylant Evans, Stephen L. Fagg,
Michael Flynn Thomas, David John Stacey
To: Northern Telecom Limited
Reel 009738, Frame 0730
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 014466, Frame 0319
5. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 014466, Frame 0939
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,649,883; Issued: January 19, 2010

Title: NETWORK SERVICE PROVIDER ARCHITECTURE IN
COMMUNICATIONS NETWORK

1. **From:** Martin Sproat, Bruce Leigh Townsend, Julian Frank Barry Cable,
Simon Daniel Breuckheimer, Stephen Rylant Evans, Stephen L. Fagg,
Michael Flynn Thomas, David John Stacey
To: Northern Telecom Limited
Reel 009738, Frame 0730
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 014466, Frame 0319

5. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 014466, Frame 0939
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,778,503; Issued: August 17, 2004

Title: AUTOMATED LINE SIGNAL PROCESSING

1. **From:** Martin Sproat, Julian Frank Barry Cable, Simon Daniel Brueckheimer, Andrew Geoffrey Tomlins, David John Stacey, John Shotton, Fai Tsang, Stephen Evans, William Smith, Michael Flynn Thomas
To: Northern Telecom Limited
Reel 011470, Frame 0498
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 015512, Frame 0578
5. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 015512, Frame 0521
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,778,494; Issued: August 17, 2004

Title: LABEL SWITCHED MEDIA GATEWAY AND NETWORK

1. **From:** Roy Mauger
To: Nortel Networks Limited
Reel 010894, Frame 0264
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706

3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,728,783; Issued: April 27, 2004

Title: INTELLIGENT NETWORK

1. **From:** Frank F. Scott, John A. Storrie, Howard J. Darwen
To: Nortel Networks Corporation
Reel 010235, Frame 0531
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 014463, Frame 0191
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,424,635; Issued: July 23, 2002

Title: ADAPTIVE NONLINEAR PROCESSOR FOR ECHO CANCELLATION

1. **From:** Wei-Jei Song
To: Northern Telecom
Reel 009673, Frame 0820
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010504, Frame 0903
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
5. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
6. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 5,295,183; Issued: March 15, 1994

Title: CONGESTION CONTROL SYSTEM FOR TELECOMMUNICATIONS

1. **From:** Francis Langlois, France Caron, Jean Michel Regnier
To: Bell-Northern Research Ltd.
Reel 006631, Frame 0565
2. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 006631, Frame 0567
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
5. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
6. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,026,356; Issued: February 15, 2000

Title: METHODS AND DEVICES FOR NOISE CONDITIONING SIGNALS REPRESENTATIVE OF AUDIO INFORMATION IN COMPRESSED AND DIGITIZED FORM

1. **From:** H.S.P. Yue, Rafi Rabipour, Chung-Cheung Chu
To: Bell-Northern Research Ltd.
Reel 008688, Frame 0942
2. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 008857, Frame 0730
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010438, Frame 0801
4. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
5. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 5,913,187; Issued: June 15, 1999

Title: NONLINEAR FILTER FOR NOISE SUPPRESSION IN LINEAR PREDICTION SPEECH PROCESSING DEVICES

1. **From:** James A. Monson, Dawn T. Anderson, James L. Kurtz, Joseph I. Kravitz
To: Dowbrands L.P.
Reel 008221, Frame 0766
2. **From:** Paul Mermelstein
To: Bell-Northern Research Ltd.
Reel 009271, Frame 0708
3. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 009271, Frame 0720
4. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
5. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,011,846; Issued: January 4, 2000

Title: METHODS AND APPARATUS FOR ECHO SUPPRESSION

1. **From:** Rafi Rabipour, Dominic Ho, Majid Foodeei, Madeleine Saikaly
To: Bell-Northern Research Ltd.
Reel 008703, Frame 0544
2. **From:** Bell Northern Research Ltd.
To: Northern Telecom Limited
Reel 008755, Frame 0928
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010328, Frame 0064
4. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
5. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

7. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,665,402; Issued: December 16, 2003

Title: METHOD AND APPARATUS FOR PERFORMING ECHO CANCELLATION

1. **From:** H.S. Peter Yue, Sylvain Angrignon
To: Nortel Networks Corporation
Reel 010219, Frame 0190
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,269,100; Issued: July 31, 2001

Title: CHANNEL TRANSFER WITH RETRIEVE

1. **From:** Samuel Henry Christie, IV, Patrick J. Dagert
To: Northern Telecom Limited
Reel 009461, Frame 0363
2. **From:** Samuel Henry Christie, IV, Patrick J. Dagert
To: Northern Telecom Limited
Reel 010050, Frame 0555
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010245, Frame 0164
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
5. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
6. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,144,671; Issued: November 7, 2000

Title: CALL REDIRECTION METHODS IN A PACKET BASED COMMUNICATIONS NETWORK

1. **From:** Nishanthan M.T. Perinpanathan, Alan S. Frank, Paul Thomas Taylor
To: Bell-Northern Research Ltd.
Reel 008561, Frame 0200
2. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 009042, Frame 0466
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010328, Frame 0064
4. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
5. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
7. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,636,522; Issued: October 21, 2003

Title: CALL REDIRECTION METHODS IN A PACKET BASED COMMUNICATIONS NETWORK

1. **From:** Nishanthan M.T. Perinpanathan, Alan S. Frank, Paul Thomas Taylor
To: Bell-Northern Research Ltd.
Reel 008561, Frame 0200
2. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 009042, Frame 0466
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010328, Frame 0064
4. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
5. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
6. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

7. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,337,858; Issued: January 8, 2002

Title: METHOD AND APPARATUS FOR ORIGINATING VOICE CALLS FROM A DATA NETWORK

1. **From:** Douglas Petty, Michael William Petras, Raul San Martin, Alan Stuart Frank, Vivek Kapol, Dhansukh Mistry
To: Bell-Northern Research Ltd.
Reel 008985, Frame 0545
2. **From:** Bell-Northern Research Ltd.
To: Northern Telecom Limited
Reel 009234, Frame 0114
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
5. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
6. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,141,342; Issued: October 31, 2000

Title: APPARATUS AND METHOD FOR COMPLETING INTER-SWITCH CALLS USING LARGE TRUNK GROUPS

1. **From:** Julian Francis Cheesman, Michael C. Kahnert, Cristian Constantino
To: Northern Telecom Limited
Reel 009647, Frame 0988
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,269,167; Issued: September 11, 2007

Title: DIRECT END-OFFICE TRUNKING

1. **From:** Faizel Lakhani, Dany Sylvain
To: Northern Telecom Limited
Reel 9683, Frame 0235
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,167,126; Issued: December 26, 2000

Title: METHOD FOR FLEXIBLY PROVISIONING SWITCHING DEVICES AND A SWITCHING DEVICE INCORPORATING THE SAME

1. **From:** William J. Janning
To: Northern Telecom Limited
Reel 009575, Frame 0419
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,088,328; Issued: July 11, 2000

Title: SYSTEM AND METHOD FOR RESTORING FAILED COMMUNICATION SERVICES

1. **From:** David W. McKnight
To: Northern Telecom Limited
Reel 009575, Frame 0419
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,359,979; Issued: March 19, 2002

Title: ENHANCED CALL ROUTING IN COMPETITIVE LOCAL TELEPHONE NETWORKS

1. **From:** Weilin Wang, Joyce Bradley
To: Northern Telecom Limited
Reel 009683, Frame 0375
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,611,533; Issued: August 26, 2003

Title: PUBLIC TELEPHONE NETWORK, INTELLIGENT NETWORK, AND INTERNET PROTOCOL NETWORK SERVICES INTERWORKING

1. **From:** Monling Liao, Emad Quaddoura, Russ Coffin, Donald Wurch, Liem Le
To: Nortel Networks Corporation
Reel 010047, Frame 0660
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,529,524; Issued: March 4, 2003

Title: COMPUTER PROGRAM PRODUCTS, METHODS, AND PROTOCOL FOR INTERWORKING SERVICES BETWEEN A PUBLIC TELEPHONE NETWORK, INTELLIGENT NETWORK, AND INTERNET PROTOCOL NETWORK

1. **From:** Monling Liao, Emad Qaddura, Rambabu Tummala, Donald Wurch, Liem Le
To: Nortel Networks Corporation
Reel 010127, Frame 0973
2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,445,695; Issued: September 3, 2002

Title: SYSTEM AND METHOD FOR SUPPORTING COMMUNICATIONS SERVICES ON BEHALF OF A COMMUNICATIONS DEVICE WHICH CANNOT PROVIDE THOSE SERVICES ITSELF

1. **From:** Samuel H. Christie, IV
To: Northern Telecom Limited
Reel 009769, Frame 0634
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,654,452; Issued: November 25, 2003

Title: METHOD AND APPARATUS IN A COMMUNICATIONS SYSTEM FOR DYNAMIC CALL REJECTION

1. **From:** Randall F. Murray, Michael Andrew Sisto
To: Nortel Networks Corporation
Reel 010230, Frame 0755

2. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
4. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 6,452,922; Issued: September 17, 2002

Title: METHOD AND APPARATUS FOR FALLBACK ROUTING OF VOICE OVER INTERNET PROTOCOL CALL

1. **From:** Anthony Ho
To: Northern Telecom Limited
Reel 009683, Frame 0876
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010504, Frame 0903
3. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
4. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
5. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
6. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 7,515,583; Issued: April 7, 2009

Title: METHOD AND APPARATUS FOR PROVIDING A CONFIGURABLE QUALITY OF SERVICE THRESHOLD FOR VOICE OVER INTERNET PROTOCOL

1. **From:** Sejal Kamani, Paul Coverdale, Chi Wong, Ben Kwong
To: Northern Telecom Limited
Reel 9766, Frame 0052
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010504, Frame 0903
3. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

4. **From:** Nortel Networks Corporation
To: GENBAND US LLC
Reel 024879, Frame 0519

U.S. Patent No.: 6,243,449; Issued: June 5, 2001

Title: MASS CALLING EVENT DETECTION AND CONTROL

1. **From:** Eugene E. Margulis, Weilin W. Wang, Anton Driesse, Andre A. Lebon
To: Northern Telecom Limited
Reel 009062, Frame 0120
2. **From:** Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001
3. **From:** Nortel Networks Corporation
To: Nortel Networks Limited
Reel 011195, Frame 0706
4. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
5. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

U.S. Patent No.: 7,619,994; Issued: November 17, 2009

Title: ADAPTER FOR USE WITH A TANDEM-FREE CONFERENCE BRIDGE

1. **From:** Rafi Rabipour, Paul Coverdale
To: Nortel Networks Limited
Reel 014746, Frame 0367
2. **From:** GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507
3. **From:** Nortel Networks Limited
To: GENBAND US LLC
Reel 024879, Frame 0475

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

GENBAND US LLC



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This, the 12th day of November, 2010.